L Number	Hits	Search Text	DB	Time stamp
-	601	(((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 06:50
-	20	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:43
-	6	spring) and (spring with activat\$4) (("4288206") or ("4462265") or ("5606138")).PN.	USPAT; US-PGPUB; EPO; JPO;	2004/05/25 13:39
-	4	4288206.URPN.	DERWENT USPAT	2004/05/25 13:39
	136	((((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and spring) and (spring with sampl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:50
-	7	graduate\$3 with straw	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:52
-	2654	graduate\$3 with tube	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 13:52
-	512	(graduate\$3 with tube) and (measur\$4 with volume)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 14:09
-	0	6612111.URPN.	USPAT	2004/05/25 14:07
	53	("3640388" "4053381" "4088448" "4233029" "4254083" "4298011" "4301412" "4301414" "4303887" "4627445" "4654197" "4774192" "4790979" "4900424" "5120420" "5126034" "5128015" "5135719" "5141868" "5178831" "5192415" "5225163" "5229282" "5306623" "5320732" "5346672" "5382346" "5384028" "5385846" "5413690" "5418142" "5437999" "5508171" "5509410" "5582184" "5628890" "5635358" "5645709" "5700695" "5731212" "5820570" "5879310" "5879367" "5922604" "5942102" "5951492" "5962215" "5997817" "6077660" "6080116" "6120464" "6143164" "6206841") .PN.	USPAT.	2004/05/25 14:07
	387	(program\$4 with (water with sampl\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/26 05:41
-	8	("2515956" "2541086" "2696174" "3098480" "3259077" "3572130" "4006847" "4141469").PN.	USPAT	2004/05/26 05:57
-	4	4288206.URPN.	USPAT	2004/05/26 05:58
-	14	("2846121" "3159173" "3176517" "3314009" "3339417" "3513709" "3537316" "3751983" "3803919" "3841156" "3848464" "3927562" "4019380" "4100805").PN.	USPAT	2004/05/26 09:57
-	7	3927562.URPN.	USPAT	2004/05/26
-	12	("3869212" "3927562" "4502955" "4672039" "5088499" "5341834" "5358690" "5482626" "5578459" "5658749" "5660727" "5820767").PN.	USPAT	2004/05/26 10:00

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- 6 3841156.URPN 11 4462265.URPN 12 4 (72846121" "3159173" "3176517" USPAT 2004/05/26 2003/05	_	2	6187530.URPN.	USPAT	2004/05/26
1					10:02
- 114 4462265.URPN 124 ("2846121" "3159173" "3175517" 1059AT 2004/05/26 10:03 2004/05/26 2004/05/27 2004/05/27 2004/05/27 2004/05/27 2004/05/27 200	-	6	3841156.URPN.	USPAT	
- 14 ("2846121" "3159173" "3176151" USPAT 2004/05/26 "3314009" "31513709" "3513709" "3151709" "3151709" "3151709" "3151709" "3151709" "3151709" "3151709" "31515709" "31	-	11	4462265.URPN.	USPAT	2004/05/26
- 2 3537316.URPN. USPAT 2004/05/26 10:05 2004/05/26 2004/05/26 2004/05/26 2004/05/26 2004/05/26 2004/05/26 2004/05/26 2004/05/26 2004/05/27 07/3/66.3.28 663.32 863.81) or USPAT;	-	14	"3537316" "3751983" "3803919"	USPAT	2004/05/26
- 6 4594905.URPN. USPAT 2004/05/26 10:08	-	2		USPAT	
-	-	6	4594905.URPN.	USPAT	2004/05/26
- 1309 (((73/863.23,863.31) or (73/863.23,863.33) or (73/863.83,863.84) or (73/863.83,863.84) or (73/864.01,864.13,864.144)).ccLs.) and ((1iquid or water or fluid) with sampls4) USPAT; USPGPUB; EPO; JPO; DERWENT USPAT	-	2813	(73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or	US-PGPUB; EPO; JPO;	2004/05/27
C((-	1309	(((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or	USPAT; US-PGPUB; EPO; JPO;	1
304 (((73/863.01,863.23,863.31) or (73/863.32,863.32,863.38) or (73/863.32,863.33,863.81) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/863.83,863.84,863.86) or (73/863.83,863.84,863.86) or (73/863.81,863.84,863.86) or (73/863.81,864.14)).CCLS.) and Syringe S553508.URPN.	-	6	((liquid or water or fluid) with sampl\$4) (("5293934") or ("5033551") or	USPAT; US-PGPUB; EPO; JPO;	
- 8 5553508.URPN. USPAT 2004/05/26 12:43 12:43 12:44 12:43 12:44 12:44 12:44 12:44 12:44 12:44 12:452145 12:45 12:45 12:46 12:48 12:48 12:48 12:48 12:48 12:48 12:49 12:48 12:49	-	304	(73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and	USPAT; US-PGPUB; EPO; JPO;	
- 7 ("3540261" "3921456" "4116067" USPAT 2004/05/26 12:44 "3448844" "5319986" "5333511" USPAT 2004/05/26 12:48 2004/05/26 12:48 2004/05/26 12:48 2004/05/26 12:48 2004/05/26 12:49 2004/05/26 12:49 2004/05/26 12:49 2004/05/26 12:49 2004/05/26 12:50 2004/05/27 200	-	8	syringe 5553508.URPN.	USPAT	
- 11 3921456.URPN.	-	7	("3540261" "3921456" "4116067" "4458544" "5319986" "5333511"	USPAT	2004/05/26
- 8 ("2452143" "2693114" "3299700" USPAT 2004/05/26 12:49 12:49 12:49 12:49 12:49 12:49 12:49 12:49 12:49 12:49 12:50	-	11		USPAT	
- 8 5553508.URPN.	-	8	"3351785" "3440434" "3540261"	USPAT	2004/05/26
- 5 ("2411157" "3044300" "3166938" USPAT 2004/05/26 12:57 2004/05/26 12:58	-	8		USPAT	
- 52 (rogers-da\$).xa. USPAT; USPAT; USPOPUB; EPO; JPO; DERWENT USPAT; USPOPUB; EPO; JPO; DERWENT USPAT; USP	-	13		USPAT	2004/05/26
- 52 (rogers-da\$).xa. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; (73/863.32,863.31) or US-PGPUB; (73/863.83,863.84) or US-PGPUB; (73/863.01,864.13,864.14)).CCLS. DERWENT USPAT; US-PGPUB; (73/863.32,863.33,863.81) or US-PGPUB; (73/863.32,863.33,863.81) or US-PGPUB; (73/863.32,863.33,863.81) or US-PGPUB; (73/863.32,863.33,863.81) or US-PGPUB; US-PGPUB; US-PGPUB; O7:11	-	5	("2411157" "3044300" "3166938"	USPAT	2004/05/26
- 101 ((spring near load\$3) with syringe) and sampler ((spring near load\$3) with syringe) and (sampler or sample or sampling) ((73/863.01,863.23,863.31) or (73/863.01,863.23,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS. ((73/863.01,863.23,863.31) or (73/863.01,863.23,863.31) or (73/863.01,864.13,864.14)).CCLS. ((73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or actuate\$2)) syringe with (solenoid) USPAT;	-	52		US-PGPUB;	2004/05/26
- 101 ((spring near load\$3) with syringe) and (sampler or sample or sampling) - 2814 ((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS 117 ((73/863.01,863.23,863.31) or (73/863.83,863.84,863.81) or (73/863.83,863.84,863.81) or (73/863.83,863.84,863.86) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or actuate\$2)) - 393 syringe with (solenoid) USPAT;	-	9		USPAT; US-PGPUB; EPO; JPO;	
- 2814 ((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS. - 117 ((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or actuate\$2)) syringe with (solenoid) USPAT; U	-	101		USPAT; US-PGPUB; EPO; JPO;	
- 117 ((73/864.01,864.13,864.14)).CCLS. ((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or actuate\$2)) syringe with (solenoid) DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT;	-	2814	(73/863.32,863.33,863.81) or	USPAT; US-PGPUB;	
- 393 syringe with (solenoid) USPAT; 2004/05/27 US-PGPUB; 07:11	-	117	(73/864.01,864.13,864.14)).CCLS. (((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and (spring near (load\$3 or activate\$2 or	DERWENT USPAT; US-PGPUB; EPO; JPO;	
DERWENT	-	393		US-PGPUB; EPO; JPO;	

-	278	syringe with (solenoid with valve)	USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:04
-	2	("20030177061").PN.	DERWENT USPAT; US-PGPUB;	2004/05/27 07:47
-	127	syringe with (spring and valve and actuate\$2)	EPO; JPO; DERWENT USPAT; US-PGPUB;	2004/05/27 08:13
_	35	(syringe with (spring and valve and	EPO; JPO; DERWENT USPAT;	2004/05/27
		actuate\$2)) and samp1\$4	US-PGPUB; EPO; JPO; DERWENT	08:05
-	69	syringe with (spring and trigger\$4 and actuate\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:16
-	90	syringe with (spring and trigger\$4 and activat\$3)	USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:17
-	1114	syringe and (spring with releas\$3 and valve)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:18
-	367	(syringe and (spring with releas\$3 and valve)) and (sampler or sampling or sample)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:18
-	115	((syringe and (spring with releas\$3 and valve)) and (sampler or sampling or sample)) and solenoid	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:21
-	2	("5553508").PN.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:22
-	130	syringe and spring and "potential energy"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:28
-	4	(((73/863.01,863.23,863.31) or (73/863.32,863.33,863.81) or (73/863.83,863.84,863.86) or (73/864.01,864.13,864.14)).CCLS.) and "potential energy"	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 08:29
-	9385	(73/863-864.91).CCLS.	USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:29
-	357	(((73/863-864.91).CCLS.) and syringe) and spring	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:35
_	38	(((73/863-864.91).CCLS.) and syringe) and (syringe with (solenoid))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:30
-	4	((((73/863-864.91).CCLS.) and syringe) and (compressed adj spring)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:33
-	79	(((73/863-864.91).CCLS.) and syringe) and (spring near (loaded or actuated or activated))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/27 08:35
-	0	4281545.URPN.	DERWENT USPAT	2004/05/27
-	0	4281545.URPN.	USPAT	08:50 2004/05/27
-	3	("3884081" "3933029" "4080832").PN.	USPAT	08:50 2004/05/27 08:50

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-	13	3884081.URPN.	USPAT	2004/05/27
-	949	((73/863-864.91).CCLS.) and syringe	USPAT; US-PGPUB; EPO; JPO;	08:51 2004/05/27 08:53
	36	US-5404763-\$ or US-5330717-\$ or US-4671123-\$ or US-4046012-\$ or US-5606138-\$ or US-4288206-\$ or US-6455006-\$ or US-5540889-\$ or US-5129539-\$ or US-4801434-\$ or US-4799389-\$ or US-4744955-\$ or US-3812722-\$ or US-3751983-\$ or US-3841156-\$ or US-3751983-\$ or US-6187530-\$ or US-5578459-\$ or US-5358690-\$ or US-55113711-\$ or US-5553508-\$ or US-4116067-\$ or US-3921456-\$ or US-3884081-\$).did. or (US-5293934-\$ or US-4458544-\$ or US-5319986-\$ or US-6422098-\$ or US-5841039-\$ or US-5728954-\$ or US-4289029-\$).did. or (US-20020023479-\$ or US-20030164027-\$).did. or	DERWENT USPAT; US-PGPUB; EPO	2004/05/27
	11	(GB-2170477-\$).did. (US-3513709-\$ or US-3537316-\$ or US-3339417-\$ or US-3176517-\$).did. ((US-6612111-\$ or US-6417008-\$ or US-5404763-\$ or US-5330717-\$ or US-4671123-\$ or US-4046012-\$ or US-5606138-\$ or US-4288206-\$ or US-6455006-\$ or US-5540889-\$ or US-6455006-\$ or US-5540889-\$ or US-5129539-\$ or US-4744955-\$ or US-3812722-\$ or US-3927562-\$ or US-3812722-\$ or US-3751983-\$ or US-6187530-\$ or US-5758459-\$ or US-5358690-\$ or US-513711-\$ or US-5553508-\$ or US-4116067-\$ or US-55293934-\$ or US-4458544-\$ or US-5293934-\$ or US-4458544-\$ or US-5319986-\$ or US-6422098-\$ or US-5841039-\$ or US-5728954-\$ or US-4289029-\$).did. or (US-20020023479-\$ or US-20030164027-\$).did. or (GB-2170477-\$).did.) and filter	USOCR USPAT; US-PGPUB; EPO	2004/05/27 09:04 2004/05/27 09:05